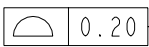
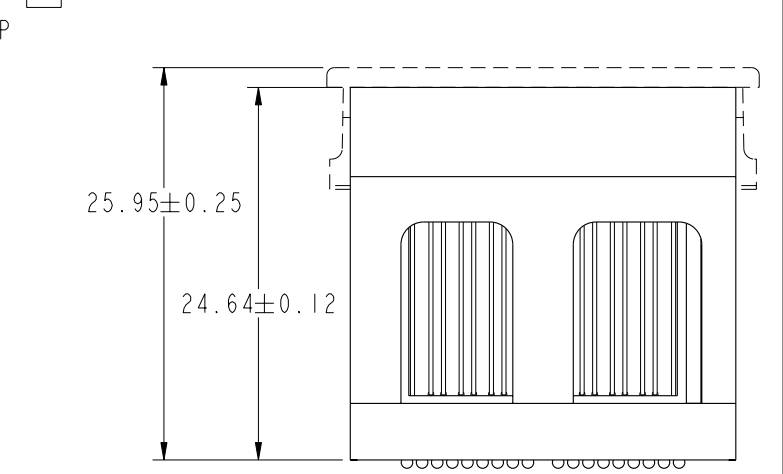
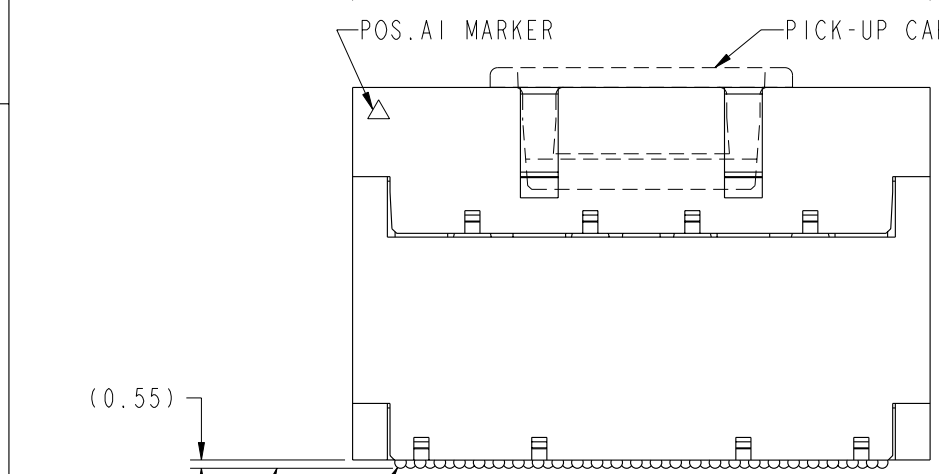
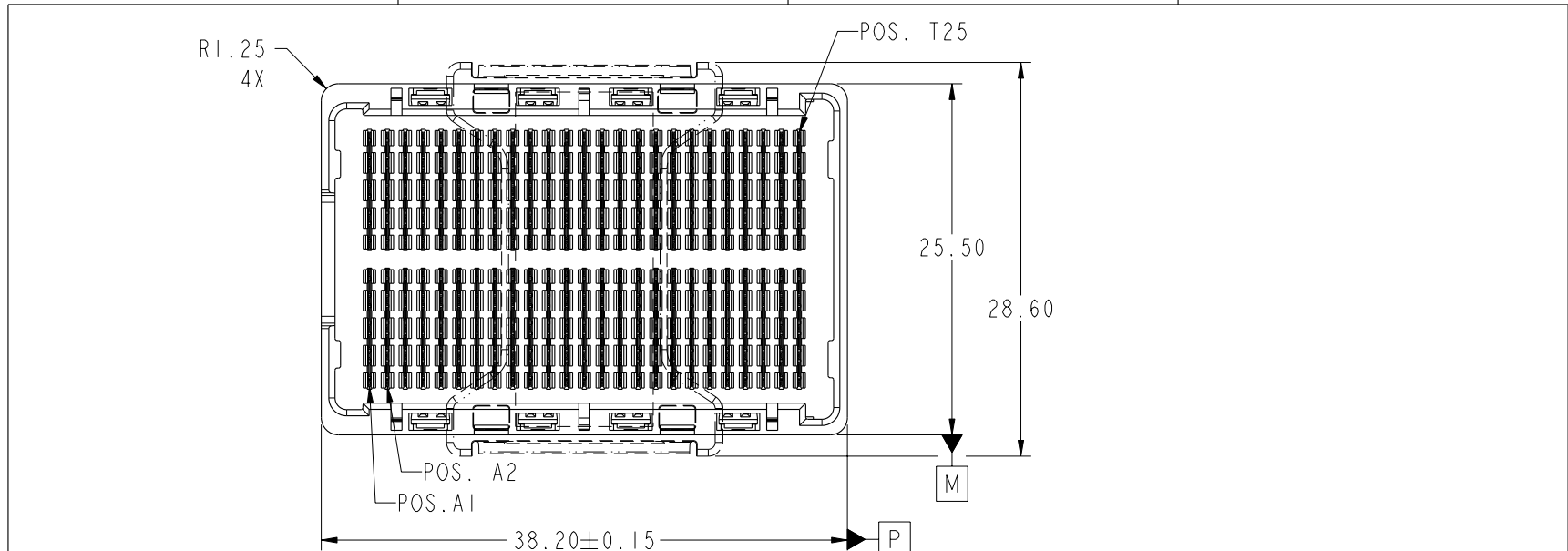




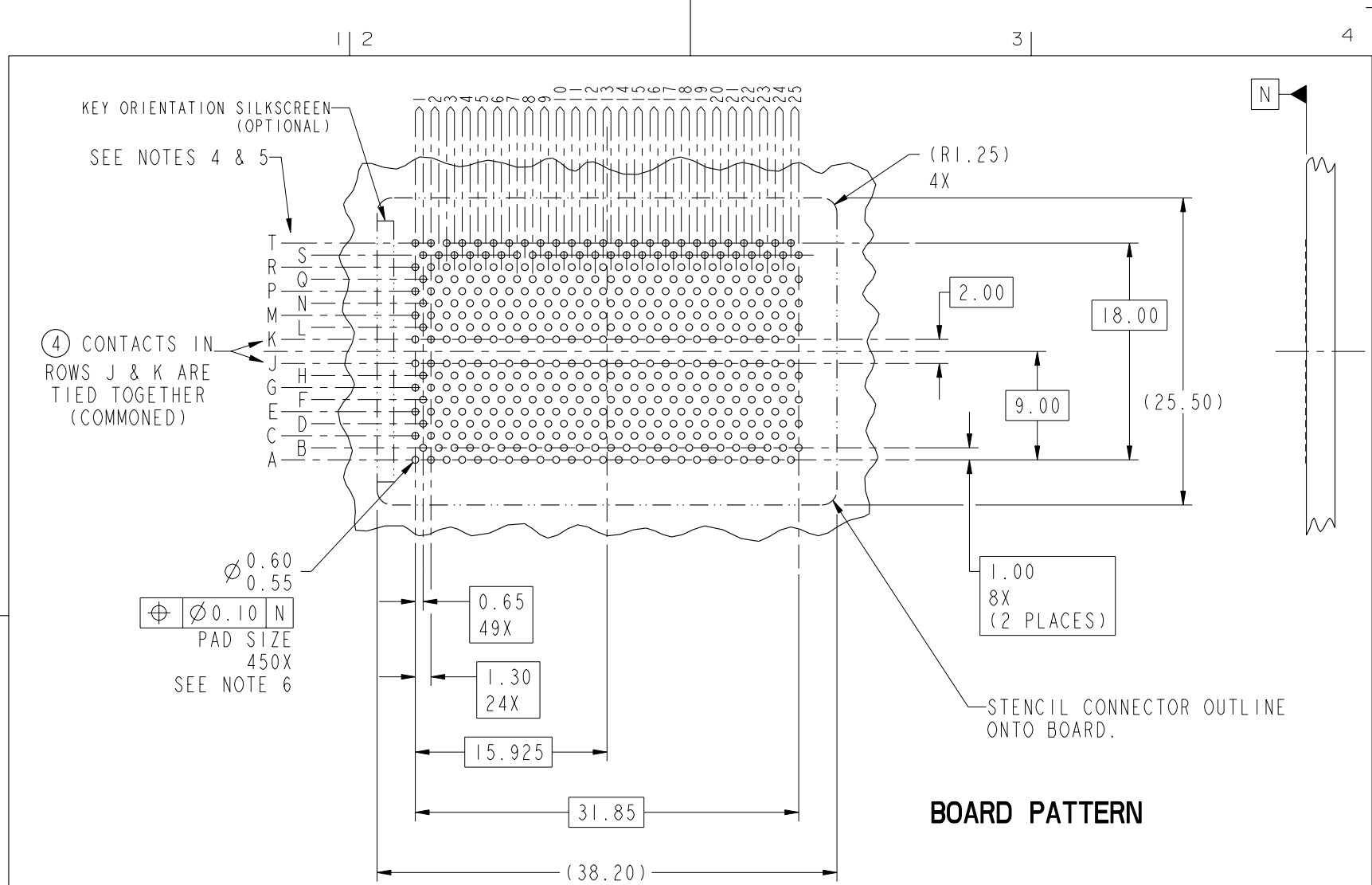
This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.



Ø0.76 SOLDER BALLS
 450X
 SEE NOTE 2
 ⊕ Ø0.30 P M

| | | | | | | | | | | | | | |
|-------------|----------------|-----|------------|------------|---------------|---------|---------------------------------------|------------|--------|-------------------------------|-------------------------------|------------------------|--|
| mat'l code | | | | SEE NOTE 1 | | | tolerances unless otherwise specified | | | CUSTOMER | | www.fciconnect.com | |
| ltr | ecn no. | dr | date | linear | 0.X ± 0.3 | | | COPY | | MM scale 1:1 | title | | |
| A | V05-0335 | TAB | 04/19/05 | | 0.XX ± 0.10 | | | projection | | | GIG-Array | | |
| B | V06-0239 | LP | 3/27/06 | | 0.XXX ± 0.050 | | | | | | 25mm PLUG ASSY. 200 SIG. POS. | | |
| C | V06-0558 | LP | 2006/06/21 | angles | 0° ± 2° | | | | | product family GIG-Array code | | | |
| | | | | dr | T. BRUNGARD | 3/22/05 | | | size | | 213 | | |
| | | | | engr | D. HARPER | 3/22/05 | | | dwg no | | 10054783 | | |
| | | | | chr | D. HARPER | 3/22/05 | | | A | | sheet | | |
| | | | | appd | D. HARPER | 3/22/05 | | | | | 1 of 5 | | |
| sheet index | revision sheet | C 1 | C 2 | C 3 | C 4 | C 5 | | | | | | | |

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.



④ CONTACTS IN ROWS J & K ARE TIED TOGETHER (COMMONED)

Ø 0.60
Ø 0.55
PAD SIZE
450X
SEE NOTE 6

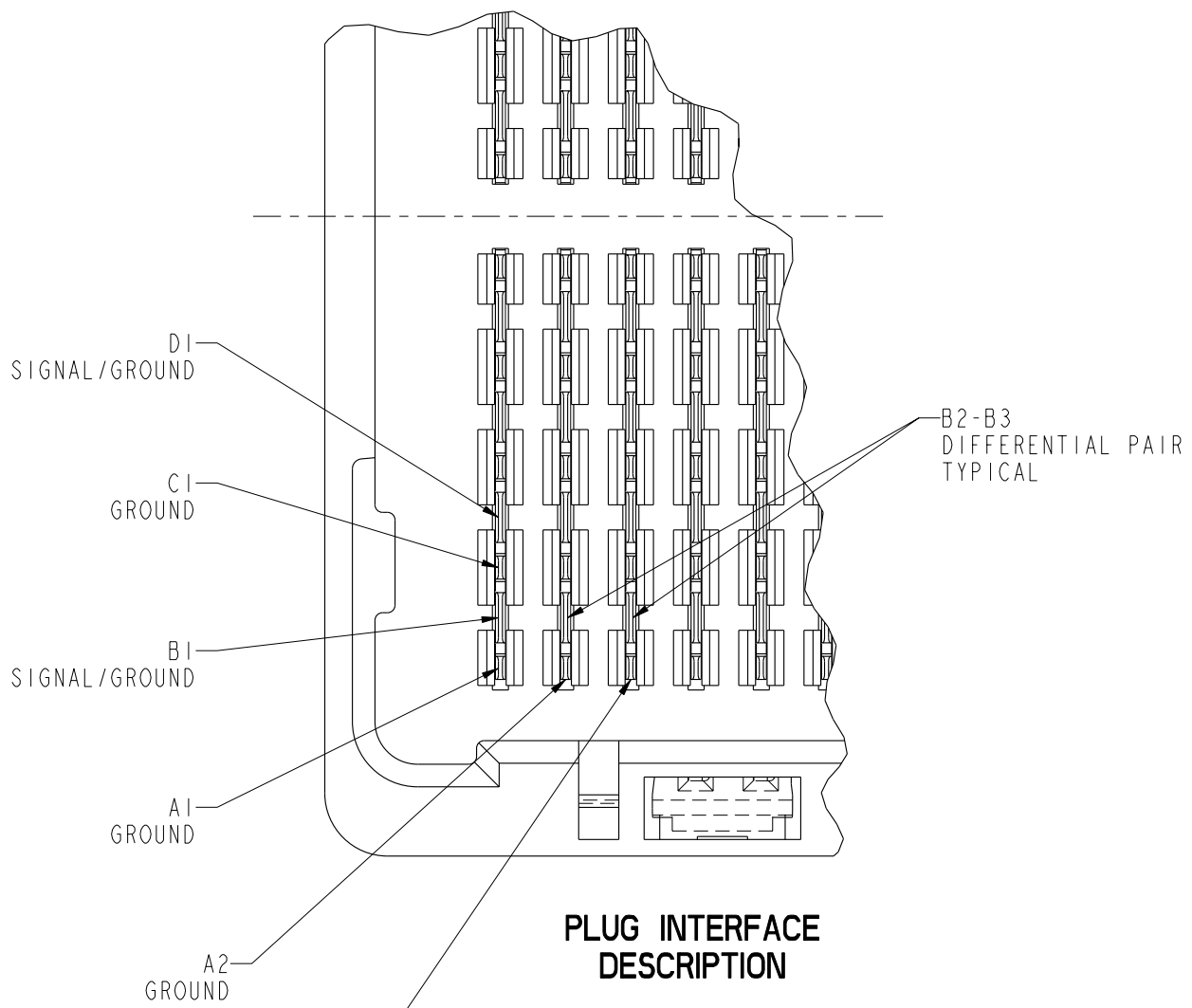
BOARD PATTERN

| | | | | | | | | | | | |
|-------------|---------|----------------|------|------------|---------------------|---------------------------------------|-------|----------|----------------|-------------------------------|--|
| mat'l code | | | | SEE NOTE 1 | | tolerances unless otherwise specified | | CUSTOMER | | FCI www.fciconnect.com | |
| ltr | ecr no. | dr | date | linear | 0.X ±0.3 | | COPY | | projection | title | |
| C | - | - | - | | 0.XX ±0.10 | | MM | | | GIG-Array | |
| | | | | | 0.XXX ±0.050 | | ← | | | 25mm PLUG ASSY. 200 SIG. POS. | |
| | | | | angles | 0° ±2° | | scale | | product family | | |
| | | | | dr | T. BRUNGARD 3/22/05 | | 2:1 | | GIG-Array | | |
| | | | | enr | D. HARPER 3/22/05 | | A | | code | | |
| | | | | chr | D. HARPER 3/22/05 | | | | size | | |
| | | | | appd | D. HARPER 3/22/05 | | | | dwg no | | |
| sheet index | | revision sheet | | | | | | A | | 10054783 | |
| | | | | | | | | | | 213 | |
| | | | | | | | | | | sheet | |
| | | | | | | | | | | 2 | |


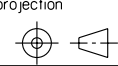

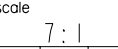


1 | 2

3 |

4



PLUG INTERFACE DESCRIPTION

| | | | | | | | | | | | |
|-------------|---------|----------------|------|------------|--------------|---------------------------------------|---|----------|---|---|--|
| mat'l code | | | | SEE NOTE 1 | | tolerances unless otherwise specified | | CUSTOMER | |  www.fciconnect.com | |
| ltr | ecn no. | dr | date | linear | 0.X ±0.3 | | COPY | |    | title | |
| C | - | - | - | | 0.XX ±0.10 | | projection | | | GIG-Array | |
| | | | | | 0.XXX ±0.050 | |  | | | 25mm PLUG ASSY. 200 SIG. POS. | |
| | | | | angles | 0° ±2° | |  | | product family | | |
| | | | | dr | T. BRUNGARD | 3/22/05 | scale | | GIG-Array | | |
| | | | | engr | D. HARPER | 3/22/05 | 7:1 | | code | | |
| | | | | chr | D. HARPER | 3/22/05 | A | | 213 | | |
| | | | | appd | D. HARPER | 3/22/05 | | | size | | |
| sheet index | | revision sheet | | | | | | dwg no | | 3 | |
| | | | | | | | | 10054783 | | sheet | |
| | | | | | | | | A | | 3 | |



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCj. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCj. Copyright FCj.

1 | 2

Pro/E

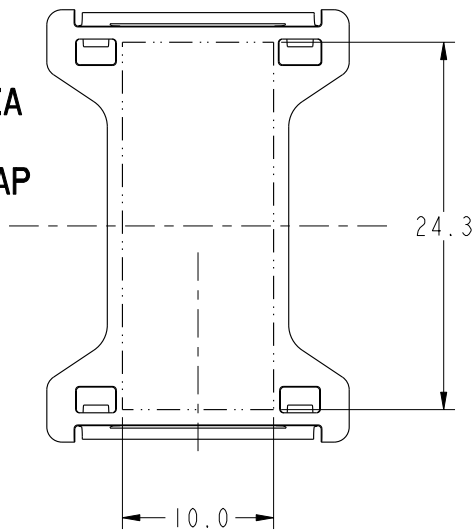
3 |

cage code 22526

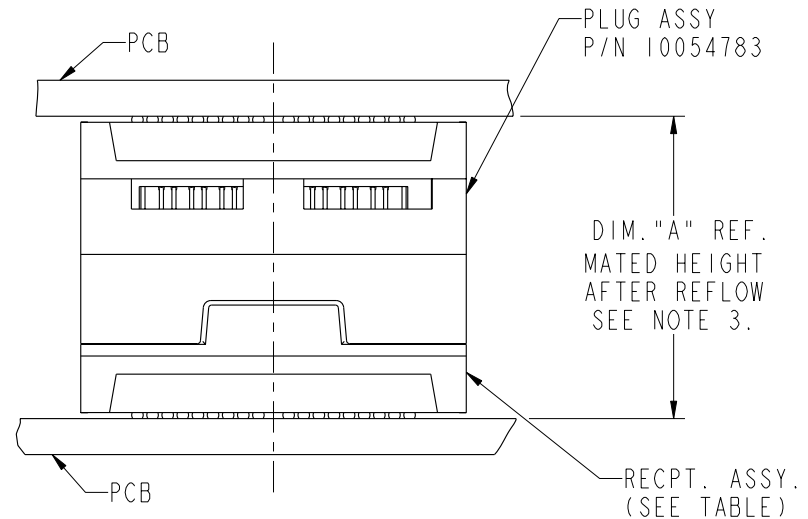
4

| | |
|----------------|---------------------------------|
| PRODUCT NUMBER | SOLDER BALL |
| 10054783-001 | SnPb |
| 10054783-001LF | SnAgCu LEADFREE SEE NOTE 7 8 |

FLAT AREA
FOR
PICK-UP CAP



END VIEW OF MATED CONNECTORS



NOTES:

- ① MAT'L:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): Au OVER Ni.
UL RATING: 94 V-0
SOLDER BALL: (SEE TABLE) EUTECTIC
SnPb OR LEADFREE 95.5 Sn/4Ag/0.5Cu
- ② SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.
- ③ MATED HEIGHT EFFECTED BY CUSTOMERS' PCB PAD SIZE, PLATING, SOLDER REFLOW PROFILE & SOLDER PASTE.
- ④ CONTACTS IN ROWS A,C,E,G,J,K,M,P,R AND T ARE SINGLE BEAM CONTACTS, TYPICALLY USED AS GROUND PINS. (NOTE: CONTACTS IN ROWS J & K ARE TIED TOGETHER [COMMONED])

| DIM. "A" | RECPT. ASSY. P/N |
|----------|------------------|
| 30 | 55740 |
| 35 | 10026010 |
| 40 | 55741 |

NOT TOOLED

| | | | | | | | | | | | |
|-------------|---------|----------------|------|------------|---------------------|---------------------------------------|-------|----------|----------------|-------------------------------|--|
| mat'l code | | | | SEE NOTE 1 | | tolerances unless otherwise specified | | CUSTOMER | | FCj www.fciconnect.com | |
| ltr | ecn no. | dr | date | linear | 0.X ±0.3 | | COPY | | projection | title | |
| C | - | - | - | | 0.XX ±0.10 | | MM | | | GIG-Array | |
| | | | | | 0.XXX ±0.050 | | ←→ | | | 25mm PLUG ASSY. 200 SIG. POS. | |
| | | | | angles | 0° ±2° | | scale | | product family | | |
| | | | | dr | T. BRUNGARD 3/22/05 | | 1:1 | | GIG-Array | | |
| | | | | enrg | D. HARPER 3/22/05 | | A | | code | | |
| | | | | chr | D. HARPER 3/22/05 | | A | | size | | |
| | | | | appd | D. HARPER 3/22/05 | | A | | dwg no | | |
| sheet index | | revision sheet | | | | | | | | 213 | |
| | | | | | | | | | | sheet 4 | |

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCj. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCj. Copyright FCj.

- ⑤. CONTACTS IN ROWS B,D,F,H,L,N,Q AND S ARE DUAL BEAM CONTACTS, TYPICALLY USED AS SIGNAL PINS.
- ⑥. SPECIFIED POSITIONAL TOLERANCE DEFINES PAD TO PAD LOCATION WITHIN LAND PATTERN. POSITIONAL TOLERANCE OF LAND PATTERN TO FUDICIAL MARKS OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER. FOR RECOMMENDED PRODUCT APPLICATION AND PCB DESIGN DETAILS, SEE DOC. NO. GS-20-016.
- ⑦. FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033 LEADFREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS DUE TO A HIGHER REFLOW TEMPERATURE. LEADFREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS, REFERENCE FCI APPLICATION SPECIFICATION.
- ⑧. THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN HTE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

A


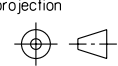

A



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

B

B

| | | | | | | | | | | | |
|-------------|---------|----------------|------|------------|--------------|---------------------------------------|--|----------|--|--|--|
| mat'l code | | | | SEE NOTE 1 | | tolerances unless otherwise specified | | CUSTOMER | |  www.fciconnect.com | |
| ltr | ecr no. | dr | date | linear | 0.X ±0.3 | | COPY | |  projection | title | |
| C | - | - | - | | 0.XX ±0.10 | | | | | GIG-Array | |
| | | | | | 0.XXX ±0.050 | | | | | 25mm PLUG ASSY. 200 SIG. POS. | |
| | | | | angles | 0° ±2° | |  MM | | product family | | |
| | | | | dr | T. BRUNGARD | 3/22/05 | scale | | GIG-Array | | |
| | | | | enr | D. HARPER | 3/22/05 | 1:1 | | code | | |
| | | | | chr | D. HARPER | 3/22/05 | A | | 213 | | |
| | | | | appd | D. HARPER | 3/22/05 | | | sheet | | |
| sheet index | | revision sheet | | | | | | | | 5 | |